

Listing of Claims:

1. (Currently Amended) A method of addressing a node in a network, comprising:
reading an identifier comprising an identification uniquely assigned to a subscriber;
translating the identifier into a group identification representative of a plurality of identifiers;
responsive to translating the identifier, indexing an address table [[with]] using the group
identification; and
mapping the group identification to a first node of the network.
2. (Original) The method according to claim 1, wherein translating the identifier into a group
identification further comprises translating the identifier into one of a plurality of group identifications.
3. (Original) The method according to claim 1, wherein indexing an address table with the
group identification further comprises indexing a record of the table having a field element corresponding
to the group identification.
4. (Original) The method according to claim 1, wherein mapping the group identification to a
first node further comprises mapping the group identification to a first node of a plurality of nodes of the
network.
5. (Original) The method according to claim 1, wherein reading an identifier further
comprises reading a text-based identifier.
6. (Original) The method according to claim 1, wherein translating the identifier further
comprises translating the identifier by a hashing function.
7. (Original) The method according to claim 1, wherein translating the identifier into a group
identification further comprises translating the identifier into a numerical-based group identification.

8. (Currently Amended) A message distributor for processing an identifier uniquely assigned to a subscriber and routing the identifier to a processing node, comprising:

a translation module for receiving the identifier and converting the identifier into one of a plurality of group identifications, wherein each of the plurality of group identifications may be obtained from a respective plurality of identifiers each respectively assigned to one of a plurality of subscribers; and

a first table including a plurality of records each indexable [[by]] using one of the plurality of group identifications, an indexed record including an element having a first address of [[the]]a processing node.

9. (Original) The message distributor according to claim 8, wherein the translation module is a hashing function.

10. (Original) The message distributor according to claim 8, wherein the identifier is a text-based identifier and the group identification is a numerical-based identification.

11. (Currently Amended) The message distributor according to claim 8, wherein the translation module is operable to translate a plurality of identifiers into a common group identification of the plurality of group identifications.

12. (Original) The message distributor according to claim 8, further comprising:
a processing element; and
a memory module maintaining the translation module and the first table, the translation module maintained by the memory module as an instruction set executable by the processing element.

13. (Currently Amended) The message distributor according to claim 8, wherein the identifier is included in a message received by the message distributor and distributor, the message is routed to the processing node by the message distributor upon indexing of the record.

14. (Currently Amended) The message distributor according to claim 8, wherein the message distributor is operable to receive a second identifier and the translation module is operable to translate the second identifier into a second group identification of the plurality of group identifications, and wherein a second record is indexed by the second group identification.

15. (Original) The message distributor according to claim 14, wherein the second record includes a second element having a second address.
16. (Original) The message distributor according to claim 15, wherein the second address is equivalent to the first address.
17. (Original) The message distributor according to claim 15, wherein the second address is different than the first address.
18. (Original) The message distributor according to claim 8, further comprising an interface with a plurality of processing nodes.
19. (Original) The message distributor according to claim 18, wherein the interface is a network interface.
20. (Original) The message distributor according to claim 18, wherein the interface is an address bus of the message distributor.